## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 15 July 2004 (15.07.2004)

### (10) International Publication Number WO 2004/058404 A3

(51) International Patent Classification7: 1/30, 33/48

G01N 21/00,

(21) International Application Number:

PCT/US2003/040591

(22) International Filing Date:

19 December 2003 (19.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/435,601

20 December 2002 (20.12.2002)

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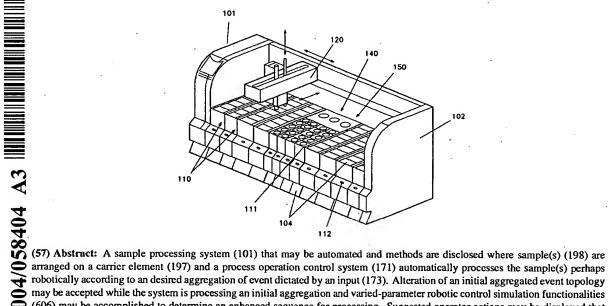
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

[Continued on next page]

(54) Title: ENHANCED SCHEDULING SAMPLE PROCESSING SYSTEM AND METHODS OF BIOLOGICAL SLIDE PRO-



may be accepted while the system is processing an initial aggregation and varied-parameter robotic control simulation functionalities (606) may be accomplished to determine an enhanced sequence for processing. Suggested operator actions may be displayed that might further enhance the scheduling of the altered aggregated event topology together with an automatic operator need prompt (608) that may inform an operator of a need for a particular action in order to accomplish the desired tasks. Reversibility to proposed changes may be made available so that an operator may avoid having to activate proposed changes if they cause a processing result that is not acceptable.



# WO 2004/058404 A3



- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 10 September 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/40591

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : G01N 21/00, 1/30, 33/48 US CL : 422/67; 435/40.5, 286.1, 287.3, 288.7; 702/19			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 422/67; 435/40.5, 286.1, 287.3, 288.7; 702/19			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
A	US 5,839,091 A (RHETT et al.) 17 November 1998	, see abstract.	1-158
A	6,352,861 A (COPELAND et al.) 05 Marh 2002, see "Sumary of Invention" section.		
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Further documents are listed in the continuation of Box C. See patent family annex.			
"A" documen	pecial categories of cited documents:  t defining the general state of the art which is not considered to be	"T" later document published after the ime date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the
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"O" documen	t referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in th	
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search  08 July 2004 (08.07.2004)		Date of mailing of the international search report	
1	ailing address of the ISA/US	Authorized officer	7-6-0-
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450		Robert Warden Telephone No. 571-272-1700	
,	xandria, Virginia 22313-1450 5. (703) 305-3230	Telephone No. 571-272-1700	fear

Form PCT/ISA/210 (second sheet) (July 1998)